

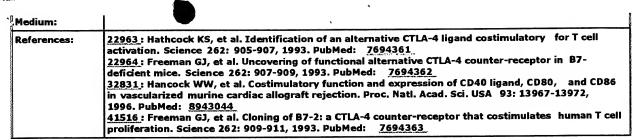
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ઉલો તું જલ્લ			
ATCC Number:	HB-253 Order this item	Price:	\$283.00
Designation:	GL1	Depositors:	G. Lazlo K.S. Hathcock
Biosafety Level	1 Shipped: frozen	Isotype:	IgG2a
Medium & Serum:	See Propagation	Growth Properties:	suspension
Organism:	Rattus norvegicus (B cell); Mus musculus (myeloma) (rat (B cell); mouse (myeloma))	Morphology:	lymphoblast
Tissue:	B lymphocyte; hybridoma		
Cellular Products:	immunoglobulin; monoclonal antibody;	against mouse B7-2 antiq	gen
Permits/Forms:	In addition to the <u>MTA</u> mentioned above for the transfer of this ATCC material. All for obtaining the permits. Please <u>click</u> shipment to your location.	nyone purchasing ATCC n	naterial is ultimately responsible
	•		Related Cell Culture Products
Comments:	Animals were immunized with LPS activa Spleen cells were fused with Sp2/0-Ag14 The antibody reacts with the B7-2 (GL1) The B7-2 antigen is a ligand for CTLA-4 (B7-2 shows minimal expression on unsti activated B cells. It is distinct from B7-1 (previously refer	I myeloma cells. antigen present on activ T cell activation molecule mulated B cells, but is ex	ated mouse B cells.
Propagation:	ATCC medium: RPMI 1640 medium with 2-mercaptoethanol, 90%; fetal bovine se		cids and 0.05 mM
Subculturing:	Cultures can be maintained by addition o exp5 cells/ml and maintain between 1 X		
Fluid Renewal:	Every 2 to 3 days		
Freeze	Culture medium, 95%; DMS , 5%		



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ATCC Number:	CRL-2223 Order this item	Price:	\$283.00	
Designation:	1G10	Depositors:	S. Buchholz	
Biosafety Level	1 Shipped: frozen	Isotype:	IgG2a	·
Medium & Serum:	See Propagation	Growth Properties:	suspension	-0EN
Organism:	Rattus norvegicus (B cell); Mus musculus (myeloma) (rat (B cell);	Morphology:	iymphoblast	RECEI
	mouse (myeloma))			MAR 0 6
Tissue:	B lymphocyte; hybridoma			RECEN MAR 0 6 TECH CENTE
Cellular				
Products:	immunoglobulin; monoclonal antibody; aga	inst mouse B7.1		
Products: Permits/Forms:	immunoglobulin; monoclonal antibody; aga In addition to the <u>MTA</u> mentioned above, of or the transfer of this ATCC material. Anyofor obtaining the permits. Please <u>click</u> here shipment to your location.	ther ATCC and/or reg ne purchasing ATCC r	naterial is ultimal	ely responsible
	In addition to the <u>MTA</u> mentioned above, of for the transfer of this ATCC material. Anyofor obtaining the permits. Please <u>click</u> here	ther ATCC and/or reg ne purchasing ATCC r	naterial is ultimaterial is ultimaterial is ultimaterial is ultimaterial in ultimaterial is ul	ely responsible
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Permits/Forms:	In addition to the MTA mentioned above, of for the transfer of this ATCC material. Anyofor obtaining the permits. Please click here shipment to your location. Animals were immunized in the hind footpach had been cultured in the presence of dibuty Popliteal lymph node cells were fused with \$1.00 to	ther ATCC and/or reg ne purchasing ATCC re e for information rega t with irradiated 5C2 ryl-cAMP. Sp2/0-Ag14 myeloma n, but does not react	naterial is ultimaterial is ultimaterial is ultimaterial in the specific selection of the specif	rely responsible requirements for structure Products homa cells that gen.
Permits/Forms: Comments: Propagation:	In addition to the MTA mentioned above, of for the transfer of this ATCC material. Anyofor obtaining the permits. Please click here shipment to your location. Animals were immunized in the hind footpachad been cultured in the presence of dibuty Popliteal lymph node cells were fused with SThe antibody will neutralize the B7.1 antiger ATCC medium: Iscove's modified Dulbecco's	ther ATCC and/or reg ne purchasing ATCC re for information regal t with irradiated 5C2 ryl-cAMP. 6p2/0-Ag14 myeloma n, but does not react medium with 0.05 m	material is ultimaterial is ultimaterial is ultimaterial is ultimaterial in the specific mouse B cell lympericells. M 2-mercaptoethal	tely responsible requirements for the state of the state
Permits/Forms: Comments: Propagation: Subculturing:	In addition to the MTA mentioned above, of for the transfer of this ATCC material. Anyofor obtaining the permits. Please click here shipment to your location. Animals were immunized in the hind footpack had been cultured in the presence of dibuty Popliteal lymph node cells were fused with SThe antibody will neutralize the B7.1 antiger ATCC medium: Iscove's modified Dulbecco's bovine serum, 10% Cultures can be maintained by addition or reserved.	ther ATCC and/or reg ne purchasing ATCC re for information regal t with irradiated 5C2 ryl-cAMP. 6p2/0-Ag14 myeloma n, but does not react medium with 0.05 m	material is ultimaterial is ultimaterial is ultimaterial is ultimaterial in the specific mouse B cell lympericells. M 2-mercaptoethal	ture Products homa cells that gen. nol, 90%; fetal
	In addition to the MTA mentioned above, of for the transfer of this ATCC material. Anyofor obtaining the permits. Please click here shipment to your location. Animals were immunized in the hind footpad had been cultured in the presence of dibuty Popliteal lymph node cells were fused with 5 The antibody will neutralize the B7.1 antiger ATCC medium: Iscove's modified Dulbecco's bovine serum, 10% Cultures can be maintained by addition or reexp5 to 1 X 10 exp5 cells/ml and maintain least series.	ther ATCC and/or reg ne purchasing ATCC re for information regal t with irradiated 5C2 ryl-cAMP. 6p2/0-Ag14 myeloma n, but does not react medium with 0.05 m	material is ultimaterial is ultimaterial is ultimaterial is ultimaterial in the specific mouse B cell lympericells. M 2-mercaptoethal	ture Products homa cells that gen. nol, 90%; fetal

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antigen presentation and induces B7 expression. Nature 360: 360-268, 1992. PubMed: 1279442 23485: Chen C, et al. Monoclonal antibody 2D10 recognizes a novel T cell costimulatory molecule on activated murine B lymphocytes. J. Immunol. 152: 2105-2114, 1994. PubMed: 7510738

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ATCC Number:	CRL-2226 Order this item	Price:	\$283.00
Designation:	2D10	Depositors:	S. Buchholz
Biosafety Level	1 Shipped: frozen	Isotype:	IgG2b
Medium & Serum:	See Propagation	Growth Properties:	suspension
Organism:	Rattus norvegicus (B cell); Mus musculus (myeloma) (rat (B cell); mouse (myeloma))	Morphology:	lymphoblast
Tissue:	B lymphocyte; hybridoma		
Cellular Products:	immunoglobulin; monoclonal antibody; aga	ninst mouse B7.2	
Permits/Forms:	In addition to the <u>MTA</u> mentioned above, of the transfer of this ATCC material. Anyofor obtaining the permits. Please <u>click</u> her shipment to your location.	ne purchasing ATCC r	naterial is ultimately responsible
			Related Cell Culture Products
Comments:	Animals were immunized in the hind footpa had been cultured in the presence of dibut Popliteal lymph node cells were fused with The antibody will neutralize the B7.2 antige	yryl-cAMP. Sp2/0-Ag14 myeloma	cells.
Propagation:	ATCC medium: Iscove's modified Dulbecco's bovine serum, 10% Temperature: 37.0 C	s medium with 0.05 m	M 2-mercaptoethanol, 90%; fetal
Subculturing:	Cultures can be maintained by addition or nexp5 to 1 X 10 exp5 cells/ml and maintain		
Fluid Renewal:	Every 2 to 3 days		
Freeze Medium:	Culture medium, 95%; DMS , 5%		
References:	22286 : Powers GD, et al. Expression and fu monoclonal antibody. Cell. Immunol. 153: 2		

22935: Nabavry, et al. Signalling through the MHC class II cytoplasmic domain is required for antigen presentation and induces B7 expression. Nature 360: 266-268, 1992. PubMed: 1279442 23485: Chen C, et al. Monoclonal antibody 2D10 recognizes a novel T cell costimulatory molecule on activated murine B lymphocytes. J. Immunol. 152: 2105-2114, 1994. PubMed: 7510738

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ATCC Number:	HB-301 Order this item	Price:	\$283.00
Designation:	16-10A1	Depositors:	H. Reiser B. Janicki
Biosafety Level	1 Shipped: frozen	Isotype:	IgG
Medium & Serum:	See Propagation	Growth Properties:	suspension
Organism:	hamster (B cell); mouse (myeloma)	Morphology:	lymphoblast
Tissue:	B lymphocyte; hybridoma		
Cellular Products:	immunoglobulin; monoclonal antibody; aga	ninst murine CD80 (Bi	7-1)
Permits/Forms:	In addition to the <u>MTA</u> mentioned above, of the transfer of this ATCC material. Anyofor obtaining the permits. Please <u>click</u> her shipment to your location.	ne purchasing ATCC	material is ultimately responsible
			Related Cell Culture Products
Comments:	Animals were immunized with CD80 transfe Spleen cells were fused with P3X63Ag8.653 The antibody reacts with and blocks the cos It does not affect the activity of CD86 (B7-2	myeloma cells. stimulatory activity of	CD80.
Propagation:	ATCC medium: Dulbecco's modified Eagle's g/L sodium bicarbonate and 4.5 g/L glucos		
Subculturing:	Cultures can be maintained by addition or reexp5 cells/ml and maintain between 1 X 10		
Fluid Renewal:	Every 2 to 3 days		
Freeze Medium:	Culture medium, 95%; DMS , 5%		
References:	22480: Razi-Wolf Z, et al. Expression and fu Langerhans cells: evidence for an alternativ PubMed: 7512030 23330: Razi-Wolf Z, et al. Expression and fu	e CTLA-4 ligand. Eur.	J. Immunol. 24: 805-811, 1994.

molecule expressed by peritoneal exudate cells. Proc. Natl. Acad. Sci. USA 89: 4210-4214, 1992. PubMed: 1373896

23540: Razi-Wolf Z, et al. Evidence for an additional ligand, distinct from B7, for the CTLA-4 receptor. Proc. Natl. Acad. Sci. USA 90: 11182-11186, 1993. PubMed: 7504299

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्दिस १६ (सम्बं <u>क्ष</u>			
ATCC Number:	HB-304 Order this item	Price:	\$215.00
Designation:	UC10-4F10-11		
Biosafety Level	1 Shipped: frozen	Isotype:	IgG
Medium & Serum:	See Propagation	Growth Properties:	suspension
Organism:	hamster (B cell); mouse (myeloma)	Morphology:	lymphoblast
Tissue:	B lymphocyte; hybridoma		
Cellular Products: Permits/Forms:	immunoglobulin; monoclonal antibody; ag In addition to the <u>MTA</u> mentioned above, for the transfer of this ATCC material. Any for obtaining the permits. Please <u>click</u> he shipment to your location.	other ATCC and/or re one purchasing ATCC	material is ultimately responsible
Comments:	The UC10-4F10-11 hybridoma cell line was spleen cells from an Armenian hamster that murine CTLA-4 fused to a murine IgG2a. The antibody can be used to detect and quand can be used to immunoprecipitate the Under conditions of suboptimal T cell receptrom 4F10 can augment T cell proliferation However, when optimal TCR stimulation is	t had been immunized antitate CTLA-4 expre- antigen from CTLA-4 bor (TCR) stimulation in allogeneic mixed by	p2/0-Ag14 myeloma cells with d with the extracellular portion of of ssion by flow cytometric analysis, positive cells. , whole antibody or Fab fragments ymphocyte reactions.
Propagation:	ATCC medium: Dulbecco's modified Eagle's g/L sodium bicarbonate and 4.5 g/L gluco acids and 0.05 mM 2-mercaptoethanol, 90 Temperature: 37.0 C	se and supplemented	with 0.01 mM nonessential amino
Subculturing:	Cultures can be maintained by the addition Alternatively, cultures can be established X 10 exp5 viable cells/ml. Maintain cell density between 1 X 10 exp5	by centrifugation with	subsequent resuspension at 1 to 2

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Freeze Medium:	Culture medium, 95%; DMS , 5%
Related Products:	Recommended medium (without the additional supplements or serum described under ATCC Medium) - ATCC 30-2002 recommended serum - ATCC 30-2020
References:	34484: Walunas TL, et al. CTLA-4 can function as a negative regulator of T cell activation. Immunity 1: 405-413, 1994. PubMed: 7882171

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ATCC Number:	HB-11341 Order this item	Price:	\$283.00
Designation:	B7-24-E1G4 [CMCC 11060]	Depositors:	Chiron Corp.
Biosafety Level	1	Shipped:	frozen
Medium & Serum:	See Propagation		
Organism:	Mus musculus (B cell); Mus musculus (myeloma) (mouse (Bcell); mouse (myeloma))	Morphology:	lymphoblast
Tissue:	B lymphocyte; hybridoma		
Damila /Famore	T		
Permits/Forms: This material is c patent claims.	In addition to the <u>MTA</u> mentioned above, o for the transfer of this ATCC material. Anyo for obtaining the permits. Please <u>click</u> here shipment to your location. Sited in a U.S. and/or other Patent or Patent A	ne purchasing ATCC r for information rega	naterial is ultimately responsible rding the specific requirements for
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This material is opatent claims.	for the transfer of this ATCC material. Anyo for obtaining the permits. Please <u>click</u> here shipment to your location. Sited in a U.S. and/or other Patent or Patent A	ne purchasing ATCC reformation regarded for information regarded for information regarded for information, and may be a cells. The purchasing recomb a cells.	naterial is ultimately responsible ording the specific requirements for mot be used to infringe on the **Related Cell Culture Products** Dinant human B7. glutamine adjusted to contain 1.5 oxaloacetate, 0.05 mg/ml
This material is o patent claims. Comments: Propagation:	for the transfer of this ATCC material. Anyo for obtaining the permits. Please click here shipment to your location. Sited in a U.S. and/or other Patent or Patent A click in a U.S. and/or other D click	ls expressing recomb a cells. medium with 4 mM I 1% OPI (0.15 mg/m %; heat-inactivated n with subsequent	naterial is ultimately responsible reding the specific requirements for not be used to infringe on the **Related Cell Culture Products** Dinant human B7. glutamine adjusted to contain 1.8 oxaloacetate, 0.05 mg/ml fetal bovine serum, 10%
This material is c patent claims.	for the transfer of this ATCC material. Anyo for obtaining the permits. Please click here shipment to your location. Animals were immunized with SF9 insect cells were fused with Sp2/0 myelom: ATCC medium: Iscove's modified Dulbecco's g/L sodium bicarbonate supplemented with pyruvate, 0.0082 mg/ml bovine insulin), 90 Temperature: 37.0 C Cultures can be maintained by addition of froultures can be established by centrifugation 3 x 10 exp5 viable cells/ml.	ne purchasing ATCC refor information regards for information regards for information regards for information, and may be a cells. medium with 4 mM to 1% OPI (0.15 mg/m %; heat-inactivated to medium or replace in with subsequent and 1 X 10 exp6 viable for information in	naterial is ultimately responsible reding the specific requirements for not be used to infringe on the **Related Cell Culture Products** Dinant human B7. glutamine adjusted to contain 1.8 oxaloacetate, 0.05 mg/ml fetal bovine serum, 10%

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ATCC Number:	HB-10916 Order this item	Price:	\$283.00
Designation:	5c8	Depositors:	Trustees of Columbia University
Biosafety Levet	1 Shipped: frozen	Isotype:	IgG2a
Medium & Serum:	See Propagation	Growth Properties:	suspension
Organism:	Mus musculus (B cell); Mus musculus (myeloma) (mouse (Bcell); mouse (myeloma))	Morphology:	lymphoblast
Tissue:	B lymphocyte; hybridoma		
Cellular Products:	immunoglobulin; monoclonal antibody; agains (CD40L, CD154)	t T-B activating mo	olecule T-BAM, ligand for CD40
Permits/Forms:	In addition to the <u>MTA</u> mentioned above, othe for the transfer of this ATCC material. Anyone for obtaining the permits. Please <u>click</u> here fo shipment to your location.	purchasing ATCC n	naterial is ultimately responsible
This material is o	ited in a U.S. and/or other Patent or Patent App	lication, and may r	not be used to infringe on the
			Related Cell Culture Products
Comments:	Animals were immunized with D1.1 cells (see A Spieen cells were fused with Sp2/0 myeloma coordinate The antibody recognizes an antigen present on activation of B cells. The antigen is a ligand for the CD40 molecule of	ells. T cells that is impo	
Propagation:	ATCC medium: Dulbecco's modified Eagle's mesodium pyruvate, 50 units/ml penicillin and 0.0	dium with 4.5 g/L 05 mg/ml strepto	glucose, 4 mM L-glutamine, 1 mM omycin, 90%; fetal bovine serum,
		coment of fresh m	redium Start cultures at 2 Y 10
Subculturing:	Cultures can be maintained by addition or repla exp5 cells/ml and maintain between 1 X 10 ex	p5 and 1 X 10 exp	5 celis/ml.

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1	Renewal:	
		22085 : Lederman S, et al. Murine monoclonal antibody (5c8) recognizes a human glycoprotein on the surface of T-lymphocytes, compositions containing same. US Patent 5,474,771 dated Dec 12 1995

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ATCC Number:	HB-12055 Order this item	Price:	\$283.00
Designation:	Hybridoma, hCD40L-M90 [M90]	Depositors: .	Immunex Corporation
Biosafety Level	1 Shipped: frozen	Isotype:	IgG1
Medium & Serum:	See Propagation	Growth Properties:	suspension
Organism:	Mus musculus (B cell); Mus musculus (myeloma) (mouse (Bcell); mouse (myeloma))	Morphology:	lymphoblast
Tissue:	B lymphocyte; hybridoma		
Cellular Products: Permits/Forms:	immunoglobulin; monoclonal antibody; again: In addition to the <u>MTA</u> mentioned above, oth for the transfer of this ATCC material. Anyone	er ATCC and/or red	ulatory permits may be required
	for obtaining the permits. Please <u>click</u> here for shipment to your location.	or information rega	ording the specific requirements for
This material is c patent claims.	ited in a U.S. and/or other Patent or Patent Ap	plication, and may	not be used to infringe on the
			Related Cell Culture Products
Comments:	Animals were immunized with human CD40 lig Spleen cells were fused with either Ag8.653 o was not specified). The antibody recognizes the human CD40L po	r NS1 mouse myeld	L). oma cells (the specific line used
Propagation:	ATCC medium: Dulbecco's modified Eagle's m g/L sodium bicarbonate and 4.5 g/L glucose, Temperature: 37.0 C	edium with 4 mM L 90%; fetal bovine	glutamine adjusted to contain 1.5 serum, 10%
Subculturing:	Cultures can be maintained by the addition of Alternatively, cultures can be established by 10 exp5 viable cells/ml. Maintain cell density between 1 X 10 exp5 and	centrifugation with	subsequent resuspension at 1 X
Fluid	Every 2 to 3 days		

Renewal:	
Freeze Medium:	culture medium 95%; DMSO, 5%
Related Products:	Recommended medium (without the additional supplements or serum described under ATCC Medium) - ATCC 30-2002 recommended serum - ATCC 30-2020
References:	44212 : Armitage RJ, et al. Monoclonal antibodies to CD40 ligand, pharmaceutical composition comprising the same and hybridomas producing the same. US Patent 5,961,974 dated Oct 5 1999

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HB-12055

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	The same of the sa		
Ere in constant			
ATCC Number:	HB-12056 Order this item	Price:	\$283.00
Designation:	Hybridoma, hCD40L-M91 [M91]	Depositors:	Immunex Corporation
Biosafety Levet	1 Shipped: frozen	Isotype:	IgG1
Medium & Serum:	See Propagation	Growth Properties:	suspension
Organism:	Mus musculus (B cell); Mus musculus (myeloma) (mouse (Bcell); mouse (myeloma))	Morphology:	lymphoblast
Tissue:	B lymphocyte; hybridoma		
Cellular Products: Permits/Forms:	immunoglobulin; monoclonal antibody; agai In addition to the <u>MTA</u> mentioned above, ot for the transfer of this ATCC material. Anyor for obtaining the permits. Please <u>click</u> here shipment to your location.	ther ATCC and/or reg	julatory permits may be required naterial is ultimately responsible
This material is c patent claims.	ited in a U.S. and/or other Patent or Patent A	pplication, and may	not be used to infringe on the
			Related Cell Culture Products
Comments:	Animals were immunized with human CD40 l Spleen cells were fused with either Ag8.653 was not specified). The antibody recognizes the human CD40L p	or NS1 mouse myelo	L).
Comments: Propagation:	Spleen cells were fused with either Ag8.653 was not specified).	or NS1 mouse myeld polypeptide. medium with 4 mM L	L). Ima cells (the specific line used Image: line used l
	Spleen cells were fused with either Ag8.653 was not specified). The antibody recognizes the human CD40L p ATCC medium: Dulbecco's modified Eagle's r g/L sodium bicarbonate and 4.5 g/L glucose	or NS1 mouse myeld polypeptide. medium with 4 mM L e, 90%; fetal bovine of fresh medium or re y centrifugation with	L). Ima cells (the specific line used Ima cells (the specific line used Image: glutamine adjusted to contain 1.5 Image: serum, 10% Image: splacement of medium. Image: subsequent resuspension at 1 to 2

Renewal:	
Freeze Medium:	culture medium 95%; DMS , 5%
Related Products:	Recommended medium (without the additional supplements or serum described under ATCC Medium) - ATCC 30-2002 recommended serum - ATCC 30-2020
References:	44212 : Armitage RJ, et al. Monoclonal antibodies to CD40 ligand, pharmaceutical composition comprising the same and hybridomas producing the same. US Patent 5,961,974 dated Oct 5 1999

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Subculturing:

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Customers in Europe, Australia, Japan, Korea, New Zealand and Taiwan must contact a <u>local distributor</u> for pricing information and to place an order for ATCC cultures and products.

	Approximately and the second s		
ATCC Number:	HB-9110 Order this item	Price:	\$215.00
Designation:	G28-5	Depositors:	Oncogen
Biosafety Levet	1 Shipped: frozen	Isotype:	IgG1
Medium & Serum:	See Propagation	Growth Properties:	suspension
Organism:	Mus musculus (B cell); Mus musculus (myeloma) (mouse (Bcell); mouse (myeloma))	Morphology:	lymphoblast
Tissue:	B lymphocyte; hybridoma		
Cellular Products:	immunoglobulin; monoclonal antibody; against	Bp50 (CD40, hum	an B cell antigen)
Permits/Forms:	In addition to the <u>MTA</u> mentioned above, other for the transfer of this ATCC material. Anyone properties of the permits of the control of the permits of th	purchasing ATCC m	aterial is ultimately responsible
This material is c patent claims.	ited in a U.S. and/or other Patent or Patent Appl	lication, and may n	ot be used to infringe on the
			Related Cell Culture Products
Comments:	Animals were immunized with human tonsillar Spleen cells were fused with NS-1 myeloma cel The antibody is specific for the Bp50 (CD40) B of the antibody reacts specifically with CD20 posinot react with T cells or NK cells. It does react with malignant B cells and B cell li	ls. cell surface antiger tive (Bp35, B1) blo	n. od and tonsillar B cells, and does
Tumorigenic:	yes; forms ascites in pristane primed BALB/c m	nice	
Propagation:	ATCC medium: RPMI 1640 medium with 2 mM L bicarbonate, 4.5 g/L glucose, 10 mM HEPES, at serum, 10% Temperature: 37.0 C	-glutamine adjusto nd 1.0 mM sodium	ed to contain 1.5 g/L sodium pyruvate, 90%; fetal bovine

Cultures can be maintained by addition or replacement of fresh medium. Start cultures at 2 X 10

	exp5 cells/ml maintain between 1 X 10 exp5 and 1 X 10 exp0 cells/ml.
Fluid Renewal:	Every 2 to 3 days
Freeze Medium:	Culture medium, 95%; DMSO, 5%
Related Products:	Recommended medium (without the additional supplements or serum described under ATCC Medium) - ATCC 30-2001 recommended serum - ATCC 30-2020
References:	22015: Ledbetter JA, Clark EA . Ligands and methods for augmenting B-cell proliferation. US Patent 5,182,368 dated Jan 26 1993

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Cers 1 125 R			
ATCC Number:	MB-9579 Order this item	Price:	\$283.00
Designation:	S6F1	Depositors:	Dana Farber Cancer Inst.
Biosafety Level	1 Shipped: frozen	Isotype:	IgG1
Medium & Serum:	See Propagation	Growth Properties:	suspension
Organism:	Mus musculus (B cell); Mus musculus (myeloma) (mouse (Bcell); mouse (myeloma))	Morphology:	lymphoblast
Tissue:	B lymphocyte; hybridoma		
Cellular Products: Permits/Forms:	immunoglobulin; monoclonal antibody; against In addition to the <u>MTA</u> mentioned above, other for the transfer of this ATCC material. Anyone p for obtaining the permits. Please <u>click</u> here for shipment to your location.	ATCC and/or regu	ulatory permits may be required naterial is ultimately responsible
This material is c patent claims.	ited in a U.S. and/or other Patent or Patent Appl	ication, and may n	ot be used to infringe on the
			Related Cell Culture Products
Comments:	Animals were immunized with the 1670 cell line whitelip tamarin with Herpesvirus saimiri. Spleen cells were fused with P3/NSI/1-Ag4-1 n The antibody recognizes a subset of CD8 positiv The S6F1 epitope is absent on CD8 positive sup	nyeloma cells. /e T cells that have	
Propagation:	ATCC medium: Dulbecco's modified Eagle's med mM hypoxanthine, and 0.032 mM thymidine, 80 heat-inactivated horse serum, 10%	lium with 4.5 g/L g 9%; heat-inactivat	glucose, 2 mM L-glutamine, 0.1 ed fetal bovine serum, 10%;
Subculturing:	Cultures can be maintained by addition or repla exp5 cells/ml and maintain between 2 X 10 exp	cement of fresh m o5 and 1 X 10 exp6	edium. Start cultures at 2 X 10 i cells/ml.
Fluid Renewal:	Every 2 to 3 days		

References:

21964 : Schlossman SF, Morimoto C . Monoclonal antibody species to a novel epitope of the LFA-1 antigen of human T lymphocytes. US Patent 5,002,869 dated Mar 26 1991

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HB-9579

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<u>(C/C)</u>	Horself de la Companya de la Company		
ATCC Number:	Order this item	Price:	\$283.00
Designation:	FD441.8	Depositors:	D. Dialynas
Biosafety Level	1 Shipped: frozen	Isotype:	IgG2b
Medium & Serum:	See Propagation	Growth Properties:	suspension
Organism:	Rattus norvegicus (B cell); Mus musculus (myeloma) (rat (B cell); mouse (myeloma))	Morphology:	lymphoblast
Tissue:	B lymphocyte; hybridoma		
Cellular Products:	immunoglobulin; monoclonal antibody; a	gainst LFA-1 (mouse cy	totovic T cell antigen)
Permits/Forms:	In addition to the <u>MTA</u> mentioned above for the transfer of this ATCC material. An for obtaining the permits. Please <u>click</u> he shipment to your location.	, other ATCC and/or reg yone purchasing ATCC r	julatory permits may be required naterial is ultimately responsible
			Related Cell Culture Products
Comments:	Animals were immunized with cloned CTL Spleen cells were fused with Sp2/0-Ag14 Tested and found negative for ectromelia	myeloma cells.	
Propagation:	ATCC medium: Dulbecco's modified Eagle' 20%	s medium with 4.5 g/L	glucose, 80%; fetal bovine serum,
Subculturing:	Cultures can be maintained by addition or exp5 cells/ml and maintain between 1 x 3	replacement of fresh n 10 exp5 and 1 x 10 exp6	nedium. Start cultures at 1 x 10 i cells/ml.
fluid Renewal:	Every 2 to 3 days		
References:	993: Sanchez-Madrid F, et al. Mapping of a beta-subunits of two related mouse glycology. Med. 158: 586-602, 1983. PubMed: 21878: Clark, W.R.; Goldstein, P., editor. I 1982, p. 547. S8011: Sarmiento M, et al. Cloned T lympl	proteins involved in cel 6193226 Proceedings of the First	l interactions, LFA-1 and MAC-1. J. International Cytolysis Workshop.

surface molecules active in T cell-mediated cytolysis. Immunoficov. 68: 135-169, 1982. PubMed: 6184304

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- W-			
ATCC Number:	CRL-1878 Order this item	Price:	\$283.00
Designation:	YN1/1.7.4	Depositors:	F. Takei
Biosafety Level	1 Shipped: frozen	Isotype:	IgG2b
Medium & Serum:	See Propagation	Growth Properties:	suspension
Organism:	Rattus norvegicus (B cell); Rattus norvegicus (myeloma) (rat (B cell);rat (myeloma))	Morphology:	lymphoblast
Tissue:	B lymphocyte; hybridoma		
Cellular Products:	immunoglobulin; monoclonal antibody; aga molecule)	inst murine ICAM-1 (1	ICAM 1, intercellular adhesion
Permits/Forms:	In addition to the <u>MTA</u> mentioned above, or for the transfer of this ATCC material. Anyon for obtaining the permits. Please <u>click</u> here shipment to your location.	ne purchasing ATCC n	naterial is ultimately responsible
			Related Cell Culture Products
Comments:	Animals were immunized with NS-1 mouse in Spleen cells were fused with Y3 rat myelome. The antibody reacts with a 95000 to 100000 murine lymphocytes. The antibody partially inhibits Con A stimula stimulation. The antibody strongly inhibits mixed lympho The ICAM-1 antigen is absent on most unstimulation.	a cells. dalton antigen (ICAM tion of spleen cells bu cyte responses (MLR)	ut does not inhibit LPS
Propagation:	ATCC medium: Dulbecco's modified Eagle's n 10%	nedium with 4.5 g/L o	glucose, 90%; fetal bovine serum,
Subculturing:	Cultures can be maintained by addition or re exp5 cells/ml and maintain between 1 X 10	placement of fresh m exp5 and 1 X 10 exp6	edium. Start cultures at 2 X 10 cells/ml.
Fluid Renewal:	Every 2 to 3 days		

1776: Takei Famibition of mixed lymphocyte response by a rate nonoclonal antibody to a novel murine lymphocyte activation antigen (MALA-2). J. Immunol. 134: 1403-1407, 1985. PubMed: 2981916

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ATCC Number:	HB-233 Order this item	Price:	\$283.00
Designation:	BE29G1	Depositors:	A.A. Brian
Biosafety Levet	1 Shipped: frozen	Isotype:	IgG2a
Medium & 5erum:	See Propagation	Growth Properties:	suspension
Organism:	Rattus norvegicus (B cell); Mus musculus (myeloma) (rat (B cell); mouse (myeloma))	Morphology:	lymphoblast
Tissue:	B lymphocyte; hybridoma		
Cellular Products:	immunoglobulin; monoclonal antibody; ag CD54	ainst mouse ICAM-1 (i	intercellular adhesion molecule);
Permits/Forms:	In addition to the <u>MTA</u> mentioned above, for the transfer of this ATCC material. Any for obtaining the permits. Please <u>click</u> he shipment to your location.	one purchasing ATCC i	material is ultimately responsible
			Related Cell Culture Products
Comments:	Animals were immunized with ICAM-1 tran Spleen cells were fused with P3X63Ag8.65 The antibody blocks the binding of lympho The antiboy is useful for studies of inflamn activation. It can be used for purification of ICAM-1 a	3 myeloma cells. cyte function antigen i nation, lymphocyte dif	ferentiation and lymphocyte
Propagation:	ATCC medium: RPMI 1640 medium with 0.0	05 mM 2-mercaptoetha	anol, 90%; fetal bovine serum, 10%
Subculturing:	Cultures can be maintained by addition or exp5 cells/ml and maintain between 1 X 1		
Fluid Renewal:	Every 2 to 3 days		
References:	23476: Kuhlman P, et al. The accessory fullymphocyte activation. Contributions of ad 1991. PubMed: 1672331		

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Agreement.

ATCC Number:	CRL-2252 Order this item	Price:	\$283.00
Designation:	G-3-5	Depositors:	S.K. Malhotra
o congridation.	0-3-3	Depositors:	S.R. Mainotra
Biosafety Levet	1	Isotype:	IgM
Medium & Serum:	Co. Proposition	Growth	
Serum:	See Propagation	Properties:	suspension
Organism:	Mus musculus (B cell); Mus musculus (myeloma) (mouse (Bcell); mouse (myeloma))	Morphology:	lymphoblast
Tissue:	B lymphocyte; hybridoma		
Cellular Products:	immunoglobulin; monoclonal antibody; agai	inst alpha actinin	
	and an analytic analytic and an analytic analytic and an analytic analyti	p	
Permits/Forms:	, · ·	ther ATCC and/or reg ne purchasing ATCC r	naterial is ultimately responsible
	In addition to the <u>MTA</u> mentioned above, of for the transfer of this ATCC material. Anyof for obtaining the permits. Please <u>click</u> here	ther ATCC and/or reg ne purchasing ATCC r	naterial is ultimately responsible
	In addition to the <u>MTA</u> mentioned above, of for the transfer of this ATCC material. Anyof for obtaining the permits. Please <u>click</u> here	ther ATCC and/or regarded purchasing ATCC regarded in formation regarded in the filament associated related macroglia in the process of the subject to the line subjec	naterial is ultimately responsible rding the specific requirements for Related Cell Culture Products Clerosis plaques obtained at protein (MW 100000) with cryostat sections of human and rawwestern blotting procedures. CCRL-2253) are distributed for the following: 1. The cells or their interests are the exclusive property st first be negotiated with S.
Permits/Forms:	In addition to the MTA mentioned above, of for the transfer of this ATCC material. Anyof for obtaining the permits. Please click here shipment to your location. Animals were immunized human brain homo autopsy. Spleen cells were fused with NS-1 myeloma the antibody recognizes a novel intermediate similarity to alpha actinin. This antibody intensely stains astroglia and central nervous system tissue. It is useful for immunofluorescence, immunothe G-3-5 cell line (ATCC CRL-2252) and the research purposes only. S. Malhotra release products must not be distributed to third prof S. Malhotra.2. Any proposed commercial of the service of the servic	ther ATCC and/or reg ne purchasing ATCC re for information regard genate of multiple so cells. e filament associated related macroglia in a cytochemistry, and a J1-31 cell line (ATC s the line subject to the arties. Commercial in use of these cells multiple and california 91208. Tel	naterial is ultimately responsible rding the specific requirements for Related Cell Culture Products Perosis plaques obtained at Perosis plaques obtained at

Fluid Renewal:	Every 2 to 3 days
Freeze Medium:	Culture medium, 95%; DMS , 5%
References:	22389: Jeffcoat S, et al. A novel intermediate filament-associated protein: further characterization of the G.3.5 antigen. Cytobios 82: 81-99, 1995. PubMed: 7587376 22605: Ann. N.Y. Acad. Sci. 436: 492-494, 1984. 22973: Price KA, et al. Localization and characterization of an intermediate filament- associated protein. Cytobios 76: 157-173, 1993. PubMed: 8181306

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Designation:	M17/5.2	Depositors:	T.A. Springer
Biosafety Levet	1 Shipped: frozen	Isotype:	IgG2b; kappa light chain
Medium & Serum:	See Propagation	Growth Properties:	suspension
Organism:	Rattus norvegicus (B cell); Mus musculus (myeloma) (rat (B cell); mouse (myeloma))	Morphology:	lymphoblast
Tissue:	B lymphocyte; hybridoma		
Cellular Products:	immunoglobulin; monoclonal antibody; CD11a)	; against mouse lymphocy	te function antigen 1 (LFA-1,
Permits/Forms:	In addition to the <u>MTA</u> mentioned abortor the transfer of this ATCC material. A for obtaining the permits. Please <u>click</u> shipment to your location.	Anyone purchasing ATCC r	naterial is ultimately responsible
			Related Cell Culture Products
Comments:	Animals were immunized with mouse cy Spleen cells were fused with NS-1 myelo The antibody blocks CTL mediated cytol CTLs. This line is subject to a license agreeme Biochemicals. Any use of the line for oth with Harvard University.	oma cells. toxicity, and can be used t ent between Harvard Unive	to precipitate LFA-1 from lysates of ersity and Boehringer Mannheim
Propagation:	ATCC medium: Dulbecco's modified Eag and 2 mM L-glutamine, 90%; fetal bovi		glucose, 1 mM sodium pyruvate
Subculturing:	Cultures can be maintained by addition exp5 cells/ml and maintain between 1		
Fluid Renewal:	Every 2 to 3 days		
References:	58014 : Sanchez-Madrid F, et al. Antiger	is involved in mouse cytol	lytic T-lymphocyte (CTL)-mediated

killing: functional screening and topographic relationship. Cell. Immunol. 73: 1-11, 1982. PubMed: 6983917

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.= 1	The second secon	Price:	\$283.00
ATCC Number:	Order this item	Price:	\$203.00
Designation:	TS1/22.1.1.13	Depositors:	T.A. Springer
Biosafety Levet	1 Shipped: frozen	Isotype:	IgG1
Medium & Serum:	See Propagation	Growth Properties:	suspension
Organism:	Mus musculus (B cell); Mus musculus (myeloma) (mouse (Bcell); mouse (myeloma))	Morphology:	lymphoblast
Tissue:	B lymphocyte; hybridoma		
Cellular			
Products:	immunoglobulin; monoclonal antibody; agai subunit (CD11a)		
		her ATCC and/or requesting ATCC is	gulatory permits may be required material is ultimately responsible
Products: Permits/Forms:	subunit (CD11a) In addition to the <u>MTA</u> mentioned above, ot for the transfer of this ATCC material. Anyor for obtaining the permits. Please <u>click</u> here	her ATCC and/or requesting ATCC is	gulatory permits may be required material is ultimately responsible
	subunit (CD11a) In addition to the <u>MTA</u> mentioned above, ot for the transfer of this ATCC material. Anyor for obtaining the permits. Please <u>click</u> here	ther ATCC and/or requested purchasing ATCC in for information regarding the following states of the fo	gulatory permits may be required material is ultimately responsible arding the specific requirements for **Related Cell Culture Products** In culture continuously for greater
Permits/Forms:	In addition to the MTA mentioned above, or for the transfer of this ATCC material. Anyor for obtaining the permits. Please click here shipment to your location. Animals were immunized with human cytoly: Spleen cells were fused with P3X63Ag8.653 The antibody will inhibit HLA DR mediated T The depositor states that the cell line should than four months or antibody production ma Cloning and freezing of the cells after minim prevent loss of antibody producing cells.	tic T lymphocytes. myeloma cells. cell cytotoxicity. not be maintained in the lost. all passage (with selvus (mousepox). medium with 4.5 g/L	gulatory permits may be required material is ultimately responsible arding the specific requirements for Related Cell Culture Products In culture continuously for greater ection of positive clones) will
Permits/Forms:	In addition to the MTA mentioned above, or for the transfer of this ATCC material. Anyor for obtaining the permits. Please click here shipment to your location. Animals were immunized with human cytoly Spleen cells were fused with P3X63Ag8.653 The antibody will inhibit HLA DR mediated T The depositor states that the cell line should than four months or antibody production material coning and freezing of the cells after minim prevent loss of antibody producing cells. Tested and found negative for ectromelia vir ATCC medium: Dulbecco's modified Eagle's restricted and found results and found results and find the cells after minim prevent loss of antibody producing cells.	tic T lymphocytes. myeloma cells. cell cytotoxicity. In the Bost. al passage (with selfus (mousepox). medium with 4.5 g/L mylacement of fresh in	gulatory permits may be required material is ultimately responsible arding the specific requirements for Related Cell Culture Products In culture continuously for greater ection of positive clones) will glucose, 1 mM sodium pyruvate medium. Start cultures at 2 X 10

References: 1616: Sanche Ladrid F, et al. Three distinct antigens associated with human T-lymphocyte-mediated cytolysis: LFA-1, LFA-2, and LFA-3. Proc. Natl. Acad. Sci. USA 79: 7489-7493, 1982. PubMed: 6984191

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Garantie (Garantie)			经现在的
ATCC Number:	HB-244 Order this item	Price:	\$283.00
Designation:	TS2/4.1.1	Depositors:	T.A. Springer
Biosafety Level	1	Shipped:	frozen
Medium & Serum:	See Propagation	Growth Properties:	suspension
Organism:	Mus musculus (B cell); Mus musculus (myeloma) (mouse (Bcell); mouse (myeloma))	Morphology:	lymphoblast
Tissue:	B lymphocyte; hybridoma		
Cellular Products:	immunoglobulin; monoclonal antibody; subunit (CD11a)	against lymphocyte func	tion antigen 1 (LFA-1) alpha
Permits/Forms:	In addition to the <u>MTA</u> mentioned above for the transfer of this ATCC material. A for obtaining the permits. Please <u>click</u> shipment to your location.	Anyone purchasing ATCC n	naterial is ultimately responsible
			Related Cell Culture Products
Comments:	Animals were immunized with human cy Spleen cells were fused with NS-1 myelo The antibody does not inhibit LFA-1 acti	oma cells.	ourify fuctionally active LFA-1.
Propagation:	ATCC medium: Dulbecco's modified Eagland 2 mM L-glutamine, 90%; fetal bovi		glucose, 1 mM sodium pyruvate
Subculturing:	Cultures can be maintained by addition exp5 cells/ml and maintain between 1		
fluid Renewal:	Every 2 to 3 days		
reeze 1edium:	Culture medium, 95%; DMSO, 5%		
References:	1616: Sanchez-Madrid F, et al. Three di T-lymphocyte-mediated cytolysis: LFA- 7489-7493, 1982. PubMed: 6984191		

22361: Dusting 2, et al. Regulation of locomotion and cell-cell contact area by the LFA-1 and ICAM-1 adhesion receptors. J. Immunol. 148: 2654-2663, 1992. PubMed: 1349320

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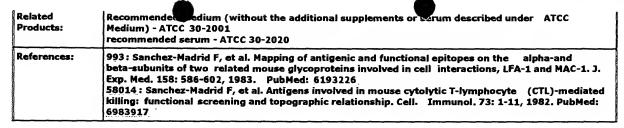
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Agreement.

ATCC Number:	Order this ite		Price:	\$283.00
Designation:	M17/4.4.11.9 (new clone	e of M17/4.2)	Depositors;	T.A. Springer
Biosafety Level	1		Shipped:	frozen
Medium & Serum:	See Propagation		Growth Properties:	suspended
Organism:	Rattus norvegicus (B cel musculus (myeloma) (ra mouse (myeloma))		Morphology:	lymphoblast
Tissue:	B lymphocyte; hybridoma	a		
Permits/Forms:	for the transfer of this Al	CC material. Anyon	e purchasing ATCC m	ulatory permits may be required naterial is ultimately responsible
	shipment to your location		for information rega	rding the specific requirements for
			for information regal	rding the specific requirements for Related Cell Culture Products
Comments:	Animals were immunized Spleen cells were fused w LFA-1 is a cell surface and Monoclonal antibodies ag T cells and target cells. The LFA-1 and Mac-1 antig	with cytotoxic T cell ith NS-1 myeloma co igen found on cytoh ainst LFA-1 can bloc gens are composed of eukocyte Function of ntigen.	is from C57BL/6 mic ells. ytic T lymphocytes. k killing by inhibiting of two chains or sub Associated antigen)	Related Cell Culture Products e immunized with P815 cells. g the adhesion between cytolytic units, alpha and beta. is immunologically identical to the
Comments:	Animals were immunized Spleen cells were fused w LFA-1 is a cell surface ant Monoclonal antibodies ag: T cells and target cells. The LFA-1 and Mac-1 anti The beta chain of the Mac-1 a The line was recloned by TATCC medium: RPMI 1640	with cytotoxic T cell ith NS-1 myeloma ce igen found on cytohy ainst LFA-1 can bloc gens are composed cell cell coyte Function in tigen. TA Springer in 1988, medium with 2 mM cose, 10 mM HEPES,	is from C57BL/6 micells. ytic T lymphocytes. k killing by inhibiting of two chains or sub Associated antigen) and a new seed stool L-glutamine adjusted and 1.0 mM sodium	Related Cell Culture Products e immunized with P815 cells. g the adhesion between cytolytic units, alpha and beta. is immunologically identical to the
Propagation:	Animals were immunized Spleen cells were fused w LFA-1 is a cell surface ant Monoclonal antibodies ag: T cells and target cells. The LFA-1 and Mac-1 anti The beta chain of LFA-1 (I beta chain of the Mac-1 a The line was recloned by TATCC medium: RPMI 1640 bicarbonate, 4.5 g/L gluc 0.05 mM 2-mercaptoethai Temperature: 37.0 C	with cytotoxic T cell ith NS-1 myeloma c- igen found on cytoh ainst LFA-1 can bloc gens are composed eukocyte Function in tigen. TA Springer in 1988, medium with 2 mM lose, 10 mM HEPES, nol, 90%; fetal bovi	is from C57BL/6 micells. ytic T lymphocytes. k killing by inhibiting of two chains or sub Associated antigen) and a new seed stoo L-glutamine adjuste and 1.0 mM sodium ne serum, 10%	Related Cell Culture Products e immunized with P815 cells. g the adhesion between cytolytic units, alpha and beta. is immunologically identical to the ck was created at the ATCC. ed to contain 1.5 g/L sodium pyruvate and supplemented with edium. Start cultures at 5 x 10
	Animals were immunized Spleen cells were fused w LFA-1 is a cell surface ant Monoclonal antibodies ag: T cells and target cells. The LFA-1 and Mac-1 antif The beta chain of LFA-1 (I beta chain of the Mac-1 a The line was recloned by ATCC medium: RPMI 1640 bicarbonate, 4.5 g/L gluc 0.05 mM 2-mercaptoethal Temperature: 37.0 C	with cytotoxic T cell ith NS-1 myeloma c- igen found on cytoh ainst LFA-1 can bloc gens are composed eukocyte Function in tigen. TA Springer in 1988, medium with 2 mM lose, 10 mM HEPES, nol, 90%; fetal bovi	is from C57BL/6 micells. ytic T lymphocytes. k killing by inhibiting of two chains or sub Associated antigen) and a new seed stoo L-glutamine adjuste and 1.0 mM sodium ne serum, 10%	Related Cell Culture Products e immunized with P815 cells. g the adhesion between cytolytic units, alpha and beta. is immunologically identical to the ck was created at the ATCC. ed to contain 1.5 g/L sodium pyruvate and supplemented with edium. Start cultures at 5 x 10



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the following characters must be used: & (for AND), (for OR), ^ (for AND NOT). An asterisk (*) is used as	the wildcard. For
more information please review the <u>Search Help</u> .	

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ATCC Number:	HB-203	Order this item	Price:	\$283.00
Designation:	TS1/18.1	.2.11	Depositors:	T.A. Springer
Biosafety Levet	1	Shipped: frozen	Isotype:	IgG1
Medium & Serum:	See Prop	<u>agation</u>	Growth Properties:	suspended
Organism:		culus (B celi); Mus musculus a) (mouse (Bceli); mouse a))	Morphology:	lymphoblast
Tissue:	B lympho	cyte; hybridoma		
Ceilular Products:	immunog subunit; :	lobulin; monoclonal antibody; against CD18	against lymphocyte func	tion antigen 1 (LFA-1) beta
	subunit; a In addition for the tra for obtain	against CD18 on to the <u>MTA</u> mentioned abov ansfer of this ATCC material. <i>A</i>	e, other ATCC and/or reg	tion antigen 1 (LFA-1) beta julatory permits may be required naterial is ultimately responsible rding the specific requirements for
Products:	subunit; a In addition for the tra for obtain	against CD18 on to the <u>MTA</u> mentioned abov ansfer of this ATCC material. A ing the permits. Please <u>click</u>	e, other ATCC and/or reg	julatory permits may be required material is ultimately responsible
Products:	Animals w Spleen cel The beta s Mac-1 and The depos than four Cloning ar prevent lo	egainst CD18 on to the MTA mentioned above ansfer of this ATCC material. A ling the permits. Please click to your location. ere immunized with human cy ls were fused with P3X63Ag8. ubunit of LFA-1 is a 95000 dal the p150,95 antigens. idy will inhibit HLA DR mediate itor states that the cell line sh months or antibody productio	re, other ATCC and/or reganyone purchasing ATCC reperted for information regarded for information regarded for information regarded for information polypeptide that is ideal T cell cytotoxicity. Ould not be maintained in information passage (with selection)	julatory permits may be required naterial is ultimately responsible ording the specific requirements for Related Cell Culture Products entical to the beta subunits of
Products: Permits/Forms:	Animals w Spleen cel The beta s Mac-1 and The antibo Cloning an prevent lo Tested and	ere immunized with human cylis were fused with P3X63Ag8. ubunit of LFA-1 is a 95000 dal the p150,95 antigens. dy will inhibit HLA DR mediate itor states that the cell line shooths or antibody production of freezing of the cells after mess of antibody producing cells found negative for ectromelicium: Modified Dulbecco's mediate itom: Modified Dulbecco's mediate in the cells after mess of antibody producing cells after message	re, other ATCC and/or regaryone purchasing ATCC reference for information regartolytic T lymphocytes. 653 myeloma cells. ton polypeptide that is ided T cell cytotoxicity. ould not be maintained in may be lost. inimal passage (with selections).	julatory permits may be required naterial is ultimately responsible ording the specific requirements for Related Cell Culture Products entical to the beta subunits of a culture continuously for greater ection of positive clones) will

Renewal:	Every 2 to 3 days
Freeze Medium:	culture medium, 95%; DMS , 5%
Related Products:	recommended serum - ATCC 30-2020 Recommended medium (without the additional supplements or serum described under ATCC Medium) - ATCC 46-X
References:	1616: Sanchez-Madrid F, et al. Three distinct antigens associated with human T-lymphocyte-mediated cytolysis: LFA-1, LFA-2, and LFA-3. Proc. Natl. Acad. Sci. USA 79: 7489-7493, 1982. PubMed: 6984191 32897: Zhang L, Plow EF. Overlapping, but not identical, sites are involved in the recognition of C3bi, neutrophil inhibitory factor, and adhesvie ligands by the alpha M beta 2 integrin. J. Biol. Chem. 271: 18211-18216, 1996. PubMed: 8663418

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ATCC Number:	HB-226	Order this item	Price:	\$283.00
Designation:	2E6		Depositors:	R.M. Steinman
Biosafety Level	1	Shipped: frozen	Isotype:	IgG
Medium & Serum:	See Prop	<u>pagation</u>	Growth Properties:	suspension
Organism:	musculu	us migratorius (B cell); Mus s (myeloma) (hamster, n (B cell); mouse (myeloma))	Morphology:	lymphoblast
Tissue:	B lymph	ocyte; hybridoma		
Cellular				
Products:	immuno	globulin; monoclonal antibody; a	gainst mouse beta 2 lei	ıkocyte integrins (CD18)
Products: Permits/Forms:	In additi for the to for obtain	on to the <u>MTA</u> mentioned above ransfer of this ATCC material. An	, other ATCC and/or reg yone purchasing ATCC I	ukocyte integrins (CD18) gulatory permits may be required material is ultimately responsible arding the specific requirements for
	In additi for the to for obtain	on to the <u>MTA</u> mentioned above ransfer of this ATCC material. An ning the permits. Please <u>click</u> h	, other ATCC and/or reg yone purchasing ATCC I	gulatory permits may be required material is ultimately responsible
	In additi for the tr for obtains shipment Animals v Spleen con The antib	on to the <u>MTA</u> mentioned above ransfer of this ATCC material. An ning the permits. Please <u>click</u> h	other ATCC and/or reg yone purchasing ATCC in ere for information rega dritic cells. oma cells. 1/90000 dalton CD11/C	gulatory permits may be required material is ultimately responsible arding the specific requirements for Related Cell Culture Products D18 heterodimer (see also ATCC
Permits/Forms:	In additi for the tr for obtains shipments Animals tr Spleen con The antib HB-225) 2E6 block	on to the <u>MTA</u> mentioned above ransfer of this ATCC material. An ning the permits. Please <u>click</u> he to your location. Were immunized with mouse den to your fused with Sp2/0 myeld ody reacts precipitates a 150000 from murine leukocytes.	, other ATCC and/or reg yone purchasing ATCC i ere for information rega dritic cells. J/90000 dalton CD11/C	gulatory permits may be required material is ultimately responsible arding the specific requirements for **Related Cell Culture Products** CD18 heterodimer (see also ATCC (CD11b).
Permits/Forms: Comments:	In additi for the ti for obtains shipments Animals to Spleen con The antibi HB-225) 2E6 block ATCC me fetal boy	on to the MTA mentioned above ransfer of this ATCC material. An ning the permits. Please click he to your location. Were immunized with mouse densits were fused with Sp2/0 myeld ody reacts precipitates a 150000 from murine leukocytes. Is the binding function of LFA-1 (dium: RPMI 1640 medium with 0 ine serum, 5%	dritic cells. dritic cells. ma cells. (CD11a) and CR3/Mac-1. replacement of fresh march to the cells.	gulatory permits may be required material is ultimately responsible arding the specific requirements for Related Cell Culture Products D18 heterodimer (see also ATCC (CD11b). anol and 2 mM L-glutamine, 95%; needium. Start cultures at 2 X 10
Permits/Forms: Comments: Propagation:	In additi for the ti for obtains shipments Animals to Spleen con The antibi HB-225) 2E6 block ATCC me fetal boy	on to the <u>MTA</u> mentioned above ransfer of this ATCC material. An ining the permits. Please <u>click</u> he to your location. Were immunized with mouse dentils were fused with Sp2/0 myeld oddy reacts precipitates a 150000 from murine leukocytes. Its the binding function of LFA-1 (dium: RPMI 1640 medium with 0 ine serum, 5% Can be maintained by addition or s/ml and maintain between 1 X	dritic cells. dritic cells. ma cells. (CD11a) and CR3/Mac-1. replacement of fresh march to the cells.	gulatory permits may be required material is ultimately responsible arding the specific requirements for Related Cell Culture Products D18 heterodimer (see also ATCC (CD11b). anol and 2 mM L-glutamine, 95%; needium. Start cultures at 2 X 10

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the following characters must be used: & (for AND), (for OR), ^ (for AND NOT). An asterisk (*) is used as the wildca	rd. For
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ATCC Number:	Order this item	Price:	\$283.00
Designation:	M18/2.a.12.7 (new clone of M18/2.a.8)	Depositors:	T.A. Springer
Biosafety Level	1 Shipped: frozen	Isotype:	IgG2a; kappa light chain
Medium & Serum:	See Propagation	Growth Properties:	suspension
Organism:	Rattus norvegicus (B cell); Mus musculus (myeloma) (rat (B cell); mouse (myeloma))	Morphology:	lymphoblast
Tissue:	в lymphocyte; hybridoma		
Cellular			
Products:	immunoglobulin; monoclonal antibody; again	st the beta subunit	of LFA-1 and Mac-1 (CD18)
	immunoglobulin; monoclonal antibody; again In addition to the <u>MTA</u> mentioned above, oth for the transfer of this ATCC material. Anyone for obtaining the permits. Please <u>click</u> here f shipment to your location.	er ATCC and/or reg purchasing ATCC n	ulatory permits may be required naterial is ultimately responsible
Products:	In addition to the <u>MTA</u> mentioned above, oth for the transfer of this ATCC material. Anyone for obtaining the permits. Please <u>click</u> here f	er ATCC and/or reg purchasing ATCC n	ulatory permits may be required naterial is ultimately responsible
Products:	In addition to the MTA mentioned above, oth for the transfer of this ATCC material. Anyone for obtaining the permits. Please click here is shipment to your location. Animals were immunized with mouse cytotox: Spleen cells were fused with P3X63Ag8.653 mThe Mac-1 antigen is a macrophage differential receptor (CR3). The LFA-1 antigen is associated with antigens and LFA-1 and Mac-1 antigens are composed of the LFA-1 and Mac-1 antigens. The beta chain of LFA-1 (Leukocyte Function A beta chain of the Mac-1 antigen. Tested and found negative for extromelia viru	er ATCC and/or regarder or information regarder. ic T cell glycoprotein yeloma cells. Ation antigen associated antigen) s (mousepox).	ulatory permits may be required naterial is ultimately responsible rding the specific requirements for Related Cell Culture Products ns. ated with type three complement to mediated cell killing. units, alpha and beta. is immunologically identical to the
Products: Permits/Forms: Comments:	In addition to the MTA mentioned above, oth for the transfer of this ATCC material. Anyone for obtaining the permits. Please click here is shipment to your location. Animals were immunized with mouse cytotox Spleen cells were fused with P3X63Ag8.653 m The Mac-1 antigen is a macrophage differential receptor (CR3). The LFA-1 antigen is associated with antigen in the LFA-1 and Mac-1 antigens are composed of the beta chain of LFA-1 (Leukocyte Function is beta chain of the Mac-1 antigen.	er ATCC and/or regarder or information regarder. Tell glycoproteing legen associated antigen associated antigen) (mousepox). Tell glycoproteing legen associated antigen) (mousepox).	ulatory permits may be required naterial is ultimately responsible rding the specific requirements for Related Cell Culture Products ns. ated with type three complement to mediated cell killing. Sunits, alpha and beta. Is immunologically identical to the ck was created at the ATCC.
Products: Permits/Forms:	In addition to the MTA mentioned above, oth for the transfer of this ATCC material. Anyone for obtaining the permits. Please click here is shipment to your location. Animals were immunized with mouse cytotox Spleen cells were fused with P3X63Ag8.653 mThe Mac-1 antigen is a macrophage differentiareceptor (CR3). The LFA-1 antigen is associated with antigen is The LFA-1 and Mac-1 antigens are composed of the beta chain of LFA-1 (Leukocyte Function is beta chain of the Mac-1 antigen. Tested and found negative for extromelia viru The line was recloned by TA Springer in 1988,	er ATCC and/or regarder purchasing ATCC nor information regarder. To cell glycoproteination action	ulatory permits may be required naterial is ultimately responsible reding the specific requirements for **Related Cell Culture Products** ns. ated with type three complement to mediated cell killing. sunits, alpha and beta, is immunologically identical to the ck was created at the ATCC. nol, 90%; fetal bovine serum, 10% nedium. Start cultures at 1 x 10

Catalog Detail <u>2/24/03</u> 1:26 PM

References:

993: Sanchez Grid F, et al. Mapping of antigenic and functions epitopes on the alpha-and beta-subunits of two related mouse glycoproteins involved in cell interactions, LFA-1 and MAC-1. J. Exp. Med. 158: 586-602, 1983. PubMed: 6193226

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Word Search

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